FORM MS-4109-60
REPLACES MS-3804 IN SERVICE MANUAL

Illustrated Parts List

MODEL SERIES "6B-HS"

TYPE NO. 900060 AND UP

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HOW TO FIND THE CORRECT NUMBER OF THE PART YOU NEED

These instructions are to be followed when using a Parts List to determine the correct part for an engine.

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A. Refer to Engine Model, Type and Serial Number that is stamped on the blower housing or name plate of engine. Then use the Illustrated Parts List covering this Model Series.

B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Part Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual part numbers are given can be purchased separately.

C. After the Part Number has been identified, refer to the Numerical Parts List, where Master Part Numbers are listed. THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".

D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.

E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.

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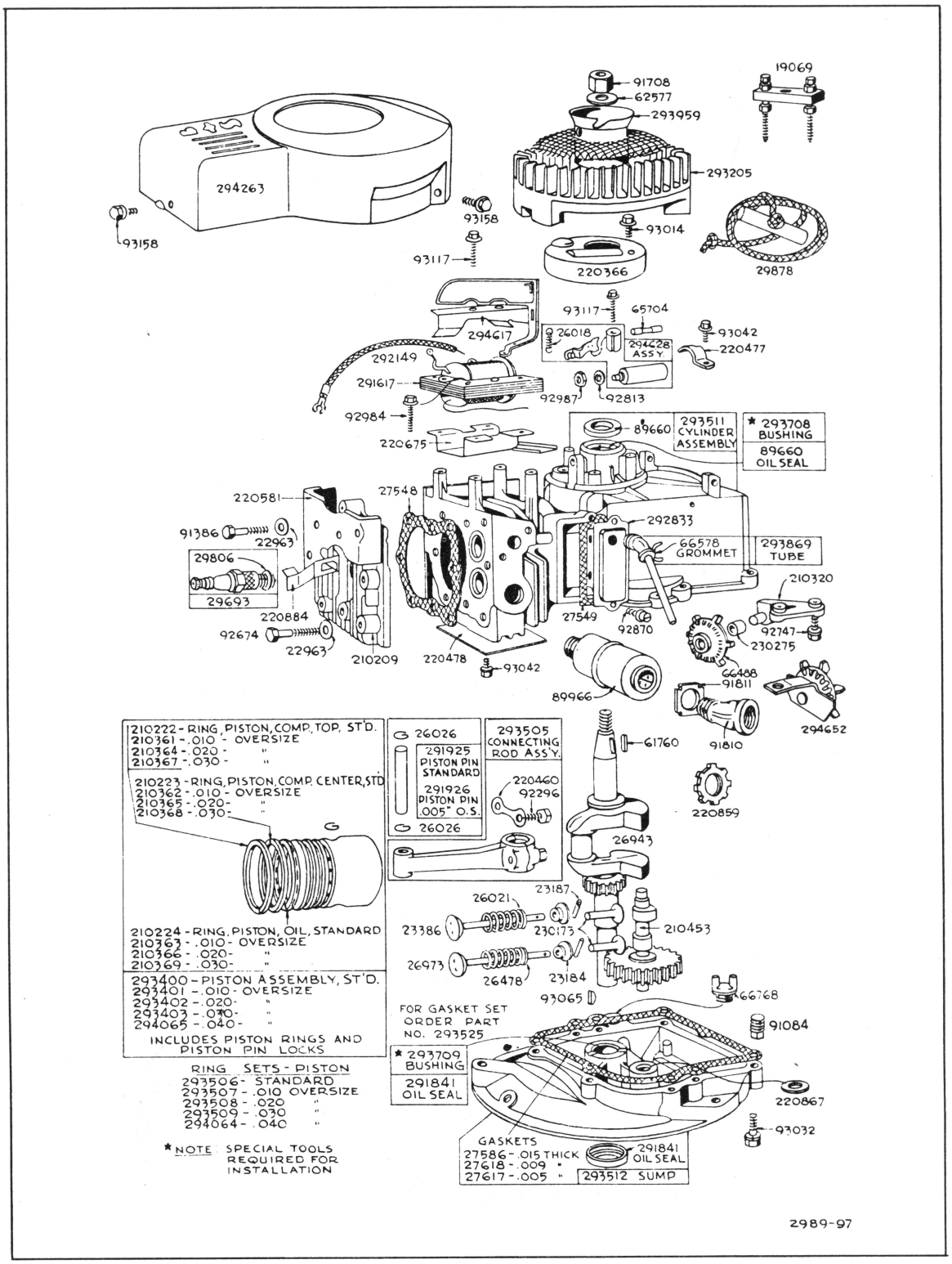
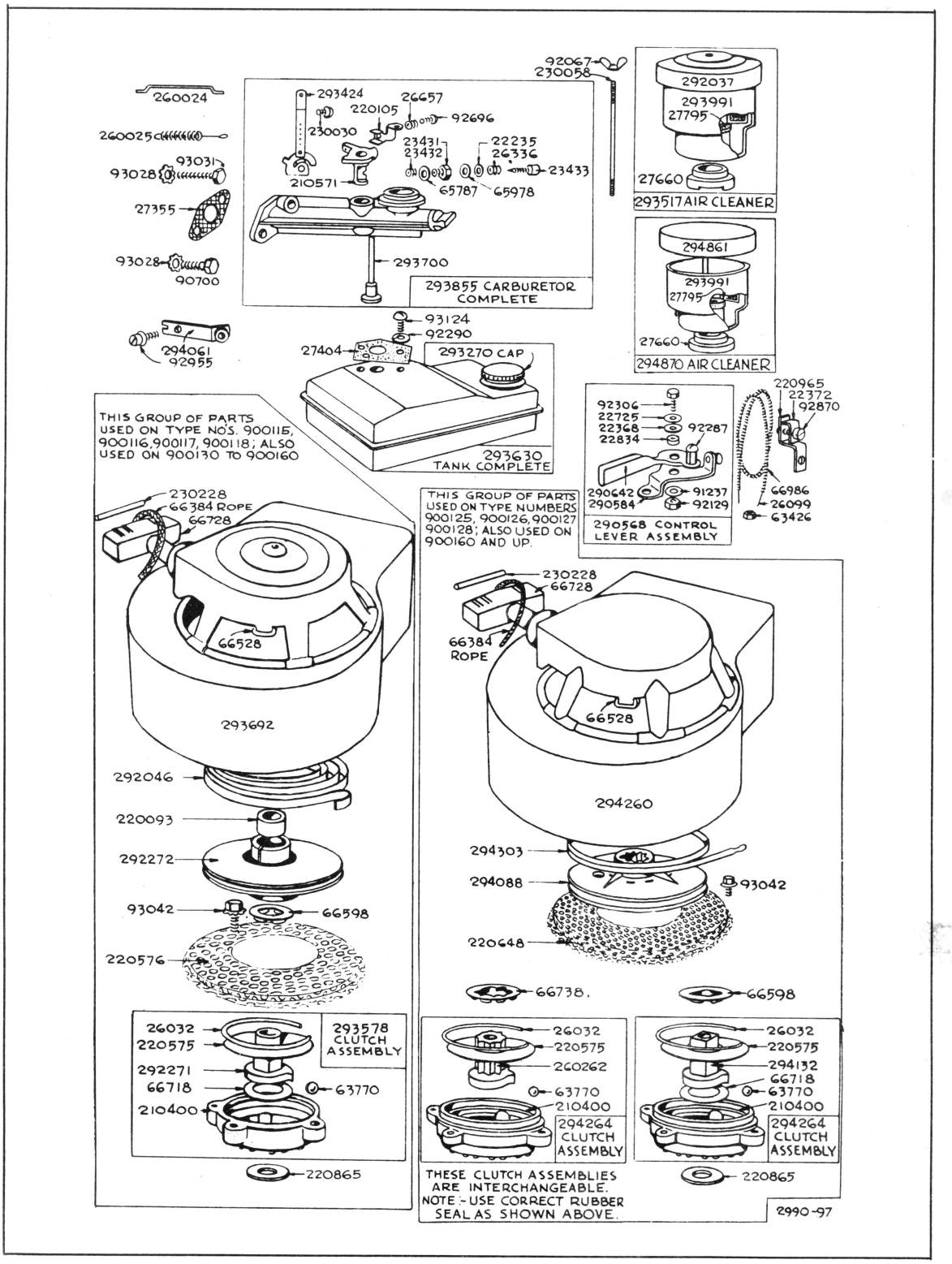
ORIGINAL BRIGGS & STRATTON SERVICE PARTS ®

MODEL "6B-HS"
TYPE NO. 900060 AND UP

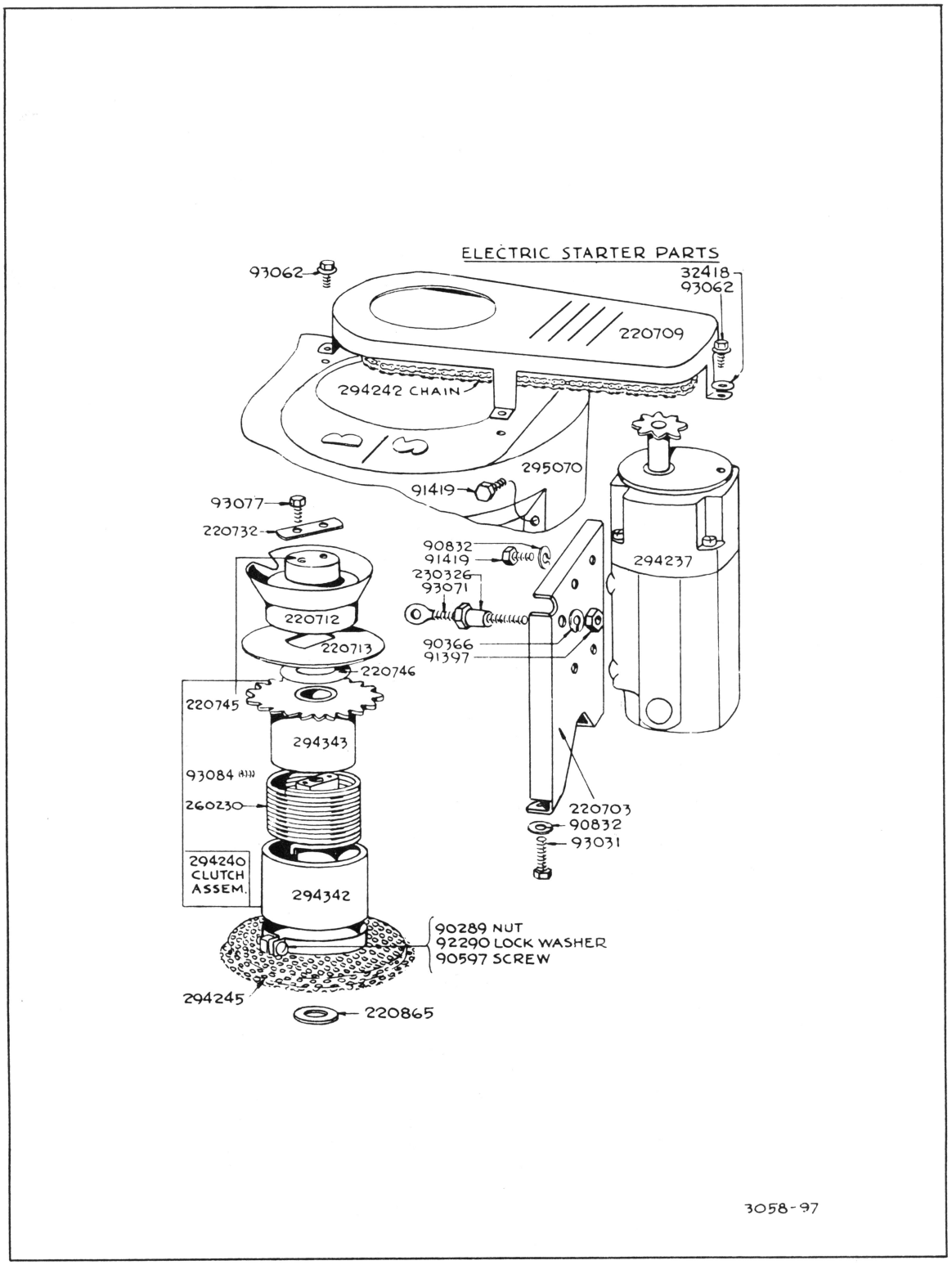


CYLINDER, BASE, PISTON, CONNECTING ROD, CRANKSHAFT, FLYWHEEL, BLOWER HOUSING AND MAGNETO PARTS – Assemblies include all parts shown in frames.



FUEL SYSTEM AND RECOIL STARTER PARTS
Assemblies include all parts shown in frames.

MODEL "6B-HS"
TYPE NO. 900060 AND UP



ELECTRIC STARTER
Assemblies include all parts shown in frames.

NUMERICAL PARTS LIST

PART NO.	DESCRIPTION
19069	Puller – Flywheel (Optional Accessory)
22235	Washer – Needle Valve
22368	Washer – Control Lever
22372	Clamp – Control Wire
22725	Washer – Control Lever
22834	Washer – Spacer
22963	Washer – Cylinder Head
23184	Retainer – Valve Spring
23187	Pin – Valve Spring Retainer
23386	Valve – Intake
23431	Nut – Needle Valve
23432	Seat – Needle Valve
23433	Valve – Needle
26018	Spring – Breaker Arm
26021	Spring – Intake Valve
26026	Lock – Piston Pin
26032	Spring – Clutch Retainer
26099	Wire – Control – 54" long
Note:	If longer wire is needed, specify length by inches; if shorter wire is needed order No. 26099 and cut to required length.
26336	Spring – Needle Valve
26478	Spring – Exhaust Valve
26657	Spring – Throttle Adjustment
26943	Crankshaft
Note:	**26976** Crankshaft Used on type Nos. 900049, 900061, 900063, 900086, 900092, 900111, 900136, 900144, 900147, 900149, 900151, 900154, 900157, 900243, 900246, 900252.
	26977 Crankshaft Used on type Nos. 900112, 900137.
	26978 Crankshaft Used on type Nos. 900071, 900090, 900094, 900113, 900146, 900234.
	26980 Crankshaft Used on type Nos. 900062, 900065, 900068, 900083, 900093, 900115, 900120, 900125, 900130, 900131, 900138, 900140, 900160, 900162, 900164, 900171, 900173, 900175, 900176, 900180, 900181, 900185, 900186, 900188, 900189, 900190, 900191, 900194, 900196, 900200, 900202, 900208, 900212, 900216, 900218, 900220, 900221, 900222, 900226, 900230, 900233, 900236, 900241, 900245, 900248, 900251, 900254, 900255, 900256, 900257, 900267, 900268, 900269, 900270, 900272, 900273, 900276, 900278, 900279, 900280, 900282, 900285, 900286, 900287, 900290, 900294, 900297, 900301, 900302, 900303, 900308, 900310, 900311, 900313, 900315, 900316, 900317, 900320.
	26998 Crankshaft Used on type Nos. 900075, 900166.
	26999 Crankshaft Used on type Nos. 900079, 900091, 900143.
	260000 Crankshaft Used on type No. 900097.
	260002 Crankshaft Used on type Nos. 900067, 900095, 900163.
	260003 Crankshaft Used on type Nos. 900117, 900127, 900134, 900179.
	260004 Crankshaft Used on type Nos. 900076, 900078, 900088, 900167, 900168, 900172, 900174, 900207, 900219.
	260005 Crankshaft Used on type Nos. 900073, 900082, 900116, 900126, 900132, 900165, 900170, 900177, 900184, 900193, 900195, 900197, 900199, 900201, 900205, 900209, 900211, 900214, 900215, 900217, 900227, 900229, 900231, 900232, 900242, 900247, 900258, 900259, 900260, 900263, 900264, 900265, 900274, 900284, 900295, 900296, 900298, 900299, 900304, 900307, 900309, 900314.
	260006 Crankshaft Used on type Nos. 900081, 900118, 900128, 900169, 900182, 900183, 900204, 900206.
	260007 Crankshaft Used on type No. 900074.
	260072 Crankshaft Used on type Nos. 900155, 900235.
	260073 Crankshaft Used on type Nos. 900250, 900288.
	260085 Crankshaft Used on type Nos. 900133, 900178, 900244, 900321.
	260130 Crankshaft Used on type No. 900148.
	260140 Crankshaft Used on type Nos. 900156, 900159.
	260157 Crankshaft Used on type Nos. 900262, 900293, 900300.
	260215 Crankshaft Used on type Nos. 900305, 900306.
	260218 Crankshaft Used on type No. 900281.
	260232 Crankshaft Used on type Nos. 900187, 900203, 900249.
	260246 Crankshaft Used on type Nos. 900213, 900224, 900225, 900283, 900291, 900318.
	260251 Crankshaft Used on type Nos. 900192, 900198, 900289.
	260273 Crankshaft Used on type No. 900150.
	260274 Crankshaft Used on type No. 900210.
	260378 Crankshaft Used on type No. 900319.
26973	Valve – Exhaust
***27355**	Gasket – Intake Elbow Mounting
***27404**	Gasket – Fuel Tank Mounting
***27548**	Gasket – Cylinder Head
***27549**	Gasket – Valve Cover
***27586**	Gasket – Crankcase – .015" Thick (Standard)
***27617**	Gasket – Crankcase – .005" Thick
***27618**	Gasket – Crankcase – .009" Thick
27660	Gasket – Air Cleaner Mounting
Note:	**27603** Gasket – Air Cleaner Mounting (Flat Type) Used on early model type Nos. 900065, 900066, 900070, 900162, 900186; also see part No. 27666.
	27666 Gasket – Air Cleaner Mounting (Collar Type with Side Outlet) Used on type Nos. 900065, 900066, 900070, 900162, 900186, 900233, 900255.
27795	Gasket – Air Cleaner
Note:	**27402** Gasket – Air Cleaner (Cup Shape) Used on air cleaner without attached stud.
29693	Plug – Spark – with Gasket
29806	Gasket – Spark Plug
29878	Rope – Starter
Note:	**69932** Rope – Starter Used on type No. 900099.
32418	Washer – Chain Guard Mounting
61760	Key – Flywheel
62577	Washer – Flywheel
63426	Locknut – Control Wire Casing
63770	Ball – Clutch

* Included in Gasket Set – Part No. 293525.

MODEL "6B-HS"
TYPE NO. 900060 AND UP

PART NO.	DESCRIPTION
65704	Plunger – Breaker Point
65787	Gasket – Needle Valve Nut
65978	Packing – Needle Valve
66384	Rope – Starter (47 1/8" Long)
Note:	If longer rope is needed, order No. 66514 and cut to required length.
66432	Washer – Plain
66488	Slinger – Oil
66528	Bumper – Starter Pulley
66578	Grommet – Breather Cover
66598	Washer – Ratchet Sealing (Used with Square Shaft Ratchet)
66718	Washer – Starter Clutch, Thrust
66728	Grip – Starter Rope
66738	Washer – Ratchet Sealing (Used with 7-Tooth Shaft Ratchet)
66768	Plug – Oil Filler
66986	Casing – Control Wire – 48" long
Note:	If a longer casing is needed, specify length in inches; if a shorter casing is needed order No. 66986 and cut to required length.
89660	Seal – Oil
89966	Muffler
Note:	**292054** Muffler Used on type Nos. 900087, 900094, 900131, 900148, 900156, 900176, 900184, 900202, 900213. **294441** Muffler Used on type Nos. 900061, 900086, 900136, 900142, 900143, 900144, 900146, 900160, 900170, 900174, 900178, 900182, 900183, 900189, 900193, 900194, 900195, 900196, 900197, 900202, 900209, 900211, 900216, 900219, 900222, 900229, 900231, 900232, 900241, 900242, 900243, 900248, 900264, 900274, 900280, 900282, 900296, 900297, 900299, 900301, 900303, 900306, 900314.
90289	Nut – Square – 10-32
90366	Washer – Lock – 5/16 x 1/8 x 1/16"
90597	Screw – Machine, Rd. Hd. – 10-32 x 1/2"
90700	Screw – Cap, Hex. Hd. – 1/4-20 x 3/4"
90832	Washer – Lock – 1/4 x 3/32 x 5/64"
91084	Plug – Oil Drain
Note:	**93027** Plug – Oil Drain Used on type Nos. 900236, 900239, 900257.
91237	Washer – Lock – 1/4 x 3/32 x 3/64"
91386	Screw – Cylinder Head (2" long)
91397	Nut – Hex – 5/16-18
91419	Screw – Cap, Hex. Hd. – 1/4-20 x 5/8"

PART NO.	DESCRIPTION
91708	Nut – Flywheel
91810	Elbow – Exhaust (45° Street)
Note:	**91812** Elbow – Exhaust (90° Street) Used on type Nos. 900081, 900090, 900169, 900204, 900206, 900260.
91811	Locknut – Exhaust Elbow
92067	Nut – Wing
92129	Nut – Hex. – 1/4-28
92287	Screw – Machine, Rd. Hd. – 10-32 x 1/4"
92290	Washer – Lock No. 10 x 1/16 x 3/64"
92296	Screw – Connecting Rod
92306	Screw – Cap, Hex. Hd. – 1/4-28 x 5/8"
92674	Screw – Cylinder Head (2 3/8" long)
92696	Screw – Machine, Rd. Hd. – 5-40 x 3/4"
92747	Screw – Oil Slinger Bracket Mounting Sem
92813	Washer – Lock – Shakeproof
92870	Screw – Breather and Casing Clamp Mounting Sem
92955	Screw – Control Wire Casing Support Mounting Sem
92984	Screw – Armature Mounting Sem
92987	Nut – Condenser Terminal
93014	Screw – Dust Cover Mounting Sem
93028	Washer – Lock – Shakeproof
93031	Screw – Cap, Hex. Hd. – 1/4-20 x 1 1/2"
Note:	**91389** Screw – Cap, Hex. Hd. – 1/4-20 x 1 5/8" Used to mount intake elbow and control wire casing bracket on type Nos. 900249, 900255, 900259, 900263, 900265, 900268, 900270, 900272, 900278, 900279, 900285, 900286, 900287, 900289, 900294, 900295, 900296, 900297, 900300, 900301, 900304, 900305, 900306, 900307, 900310, 900314, 900317, 900318, 900319, 900320.
93032	Screw – Sump Mounting Sem
93042	Screw – Rotating Screen, Condenser Clamp and Cylinder Shield Mounting Sem
93062	Screw – Guard Mounting
93065	Key – Woodruff No. 505
93071	Stud – Starter Adjusting
93077	Screw – Clamp Mounting
93084	Screw – Set, Socket Hd., Cup Point – 10-32 x 1/4"
93117	Screw – Contact Finger Post and Coil Lead Mounting Sem
93124	Screw – Fuel Tank Mounting

PART NO.	DESCRIPTION
93158	Screw – Blower Housing Mounting Mounting Sem
210209	Head – Cylinder
210222	Ring – Piston, Compression, Top – Standard
210223	Ring – Piston, Compression, Center – Standard
210224	Ring – Piston, Oil – Standard
210320	Bracket – Oil Slinger
210361	Ring – Piston, Compression, Top – .010" O.S.
210362	Ring – Piston, Compression, Center – .010" O.S.
210363	Ring – Piston, Oil – .010" O.S.
210364	Ring – Piston, Compression, Top – .020" O.S.
210365	Ring – Piston, Compression, Center – .020" O.S.
210366	Ring – Piston, Oil – .020" O.S.
210367	Ring – Piston, Compression, Top – .030" O.S.
210368	Ring – Piston, Compression, Center – .030" O.S.
210369	Ring – Piston, Oil – .030" O.S.
210400	Housing – Starter Clutch
210453	Gear – Cam
210571	Throttle – Carburetor
220093	Retainer – Spring
220105	Connector – Governor Link
220366	Cover – Breaker Point and Condenser
220460	Lock – Connecting Rod Screw
220477	Clamp – Condenser
220478	Shield – Cylinder
220575	Washer – Clutch Retainer
220576	Screen – Rewind Starter
220581	Cover – Cylinder Head
220648	Screen – Rewind Starter
220675	Shield – Ignition Coil
220703	Bracket – Starter Support
220709	Guard – Electric Starter Chain
220712	Pulley – Rope Starter
220713	Washer – Pinion Guard
220732	Lock – Starter Pulley Screw
220745	Clamp – Starter Clutch
220746	Washer – Thrust
220859	Locknut – Muffler and Exhaust Elbow
220865	Washer – Spring (Used to lock starter clutch)
220867	Spacer – Cam Gear
Note:	Used only when replacing No. 293512 sump on engines with No. 210320 Bracket.
220884	Switch – Stop
220965	Bracket – Control Wire Casing

PART NO.	DESCRIPTION
230030	Screw – Carburetor Cam and Lever
230058	Stud – Air Cleaner
230173	Tappet – Valve
230228	Pin – Starter Grip
230275	Bushing – Oil Slinger
230326	Nut – Starter Adjusting
260024	Link – Governor
Note:	**260028** Link – Governor **260029** Spring – Governor Link Used on type Nos. 900099, 900135.
260025	Spring – Governor
Note:	**260202** Spring – Governor (Choke-A-Matic) Used on type Nos. 900249, 900255, 900259, 900263, 900264, 900265, 900268, 900270, 900272, 900273, 900279, 900285, 900286, 900287, 900295, 900296, 900297, 900300, 900301, 900304, 900306, 900310, 900314, 900319, 900320.
260230	Spring – Clutch
260262	Ratchet – Rewind Starter (7-Tooth Shaft)
290568	Lever Assembly – Control
290584	Base – Control Lever
290642	Lever – Control
291617	Armature – Magneto
291841	Seal – Oil
291925	Pin Assembly – Piston – Std.
291926	Pin Assembly – Piston – .005" O.S.
292037	Cover and Filter – Air Cleaner
292046	Spring – Starter
292149	Cable – Ignition
292271	Ratchet – Rewind Starter
292272	Pulley – Rewind Starter
292833	Breather – Valve Chamber
293205	Flywheel – Magneto
Note:	**29835** Flywheel – Magneto Used on type Nos. 900066, 900070, 900080, 900094, 900137, 900182, 900186, 900238, 900312, 900313.
293270	Cap – Fuel Tank
293400	Piston Assembly – Standard
293401	Piston Assembly – .010" O.S.
293402	Piston Assembly – .020" O.S.
293403	Piston Assembly – .030" O.S.
293424	Control – Governor
Note:	**220107** Cam – Speed Adjuster **220949** Lever – Speed Adjuster Used on type Nos. 900078, 900079, 900083, 900086, 900095, 900096, 900097, 900137, 900141, 900143, 900146, 900147, 900152, 900155, 900168, 900169, 900170, 900171, 900174, 900182, 900183, 900188, 900204, 900205, 900206, 900219, 900221, 900231, 900250, 900253, 900254, 900261, 900262, 900269, 900278, 900311, 900317, 900318. **220678** Lever – Speed Adjuster **92007** Screw – Machine, Fill. Hd. – 5-40 x ½" **26657** Spring – Throttle Adjustment **22398** Washer – Speed Adjuster Used on type Nos. 900066, 900070, 900186.
293493	Housing – Blower
293505	Rod Assembly – Connecting
293506	Ring Set – Standard Piston
293507	Ring Set – .010" O.S. Piston
293508	Ring Set – .020" O.S. Piston
293509	Ring Set – .030" O.S. Piston
293511	Cylinder
293512	Sump – Oil
Note:	**295041** Sump – Oil Used on type Nos. 900249, 900319.
293517	Cleaner Assembly – Air (Used with Stud No. 230058)
293525	Gasket Set
293578	Clutch Assembly – Starter
293630	Tank Assembly – Fuel
Note:	**295119** Tank Assembly – Fuel Used on type Nos. 900283, 900291, 900318.
293692	Housing – Blower and Starter (4¼" diameter intake hole)
Note:	**294016** Housing – Blower and Starter Used on type Nos. 900075, 900076, 900082, 900133.
293700	Pipe – Fuel
Note:	**295121** Pipe – Fuel Used on type Nos. 900283, 900291, 900318.
293708	Bushing – Cylinder (Requires Special Tools for Installation)
293709	Bushing – Oil Sump (Requires Special Tools for Installation)
293855	Carburetor Assembly
Note:	**293845** Carburetor Assembly Used on type Nos. 900078, 900079, 900083, 900086, 900095, 900096, 900097, 900137, 900141, 900143, 900146, 900147, 900152, 900155, 900168, 900169, 900170, 900171, 900174, 900182, 900183, 900188, 900204, 900205, 900206, 900219, 900221, 900231, 900250, 900253, 900254, 900261, 900262, 900269, 900278, 900311, 900317. **294058** Carburetor Assembly Used on type Nos. 900066, 900070, 900086. **295027** Carburetor Assembly (Choke-A-Matic) Used on type Nos. 900249, 900255, 900259, 900263, 900264, 900265, 900268, 900270, 900272, 900273, 900279, 900285, 900286, 900287, 900295, 900296, 900297, 900300, 900301, 900304, 900306, 900310, 900314, 900319, 900320. Uses: **220952** Lever – Speed Adjuster **220968** Washer – Choke Link (3) **260188** Link – Choke **260189** Spring – Choke Link **296110** Plate Assembly – Stop Switch Insulator Uses: **93167** Screw – Ground Wire **296185** Wire – Ground **295406** Carburetor Assembly Used on type No. 900318. **295603** Carburetor Assembly Used on type Nos. 900283, 900291.
293869	Tube – Breather
Note:	**294032** Breather Tube and Spacer Used on type Nos. 900065, 900066, 900070, 900162, 900186, 900233, 900255. (Used between air cleaner and carburetor)
293959	Starter Pulley with Screen Used on engines after Serial No. 433828.
Note:	**293432** Starter Pulley with Screen Used on engines before Serial No. 433829.
293991	Body Assembly – Air Cleaner
294061	Support – Control Wire Casing
294064	Ring Set – .040" O.S. Piston
294065	Piston Assembly – .040" O.S.
294088	Pulley – Rewind Starter
294132	Ratchet – Rewind Starter (with Square Shaft)
294237	Motor – Electric Starting
294240	Clutch – Electric Starter
294242	Chain – Electric Starter
294245	Screen – Electric Starter Rotating
294260	Housing – Blower (5" diameter intake hole)

MODEL "6B-HS"
TYPE NO. 900060 AND UP

PART NO.	DESCRIPTION
	(These blower housings and parts shown under Part No. 294260 as illustrated on page 14 are used on type Nos. 900125, 900126, 900127, 900128; also used on type Nos. 900160 and up.)
Note:	**294282** Housing – Blower Used on type Nos. 900166, 900167, 900170, 900174, 900178, 900192, 900193, 900195, 900198, 900208, 900213, 900216, 900218, 900219, 900225, 900226, 900241, 900244, 900251, 900254, 900259, 900278, 900279, 900284, 900289, 900289, 900305, 900311, 900321.
	294338 Housing – Blower Used on type Nos. 900217, 900263, 900265, 900268, 900270, 900272, 900273, 900283, 900285, 900291, 900297, 900301, 900302, 900306, 900318, 900319.
	295060 Housing – Blower Used on type Nos. 900262, 900293, 900300.
294263	Housing – Blower (5" diameter intake hole) Used on engines after Serial No. 433828.
Note:	**293493** Housing – Blower ($4\frac{1}{4}$" diameter intake hole) Used on engines before Serial No. 433829.
294264	Clutch Assembly – Rewind Starter
294303	Spring – Starter
294342	Adapter – Shaft
294343	Sprocket – Electric Starter
294617	Blade – Governor
294628	Breaker Points and Condenser Set
294652	Oil Slinger Gear and Bracket
294861	Cover and Filter – Air Cleaner
Note:	**294862** Cover and Filter – Air Cleaner Used on type Nos. 900065, 900066, 900070, 900162, 900186, 900233, 900255.
294870	Cleaner Assembly – Air (with stud)
Note:	**294871** Cleaner Assembly – Air (with stud) Used on type Nos. 900065, 900066, 900070, 900162, 900186, 900233, 900255.
295070	Housing – Blower (Electric Starter)